

PROCESS FOR PRODUCING ALIGNED  
CARBON NANOTUBE FILMS

ABSTRACT OF THE DISCLOSURE

5 A process for producing aligned carbon nanotube  
films, wherein a carbon compound is decomposed using a  
substrate that is coated with an element having no  
catalytic ability by itself and which loads a metallic  
element having catalytic ability or a compound thereof,  
thereby forming a film of fine carbon nanotubes on the  
10 surface of the substrate which are aligned in a direction  
perpendicular to the substrate.

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